

April 12, 2004

## STATEMENT OF WORK Grassed Waterway (412)

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

### DESIGN

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#### Deliverables:

1. Design documents that demonstrate criteria in practice standard have been met and are compatible with planned and applied practices
  - a. Practice purpose(s) as identified in the conservation plan.
  - b. List of required permits to be obtained by the client
  - c. Compliance with NRCS national and state utility safety policy ([NEM Part 503, Safety, 503.00 through 503.06](#))
  - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Hydrology/hydraulics
    - ii. Outlet capacity and stability
    - iii. Seedbed preparation, soil amendments and vegetation requirements
2. Written plans and specifications including sketches and drawings as well as any applicable guide sheets and vegetation plan (AL-ECS-1 or equivalent) shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits. Plans and specification shall be developed in accordance with the requirements of conservation practice standard Grassed Waterway (Code 412).
3. Operation and maintenance plan
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations ([NEM Part 505, Non-NRCS Engineering, 505.03 \(a\) \(3\)](#)).
5. Design modifications during installation as required

### INSTALLATION

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#### Deliverables

1. Pre-installation conference with client and contractor which includes information on minimizing erosion and controlling sediment during construction.
2. Verification that client has obtained required permits
3. Staking and layout according to plans and specifications including applicable layout notes
4. Installation inspection
  - a. Actual materials used
  - b. Inspection records
5. Facilitate and implement required design modifications with client and original designer
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
7. Certification that the installation process and materials meets design and permit requirements.
8. Certification that the soil amendments, seed bed, seed, and mulch are according to plans.

### CHECK OUT/RECORDS OF IMPLEMENTATION

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#### Deliverables

1. As-built documentation
  - a. Extent of practice units applied
  - b. Drawings
  - c. Final quantities
2. Check out surveys to verify that construction meets plans and specifications.
3. Certification that the installation meets NRCS standards and specifications and is in compliance with permits ([NEM Part 505, Non-NRCS Engineering, 505.03 \(c\) \(1\)](#)).
4. Certification that the grassed waterway and adjacent disturbed areas are stabilized with permanent vegetation (AL-ECS-2 or equivalent).
5. Progress reporting

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## **STATEMENT OF WORK Grassed Waterway (412)**

### **REFERENCES**

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- [Field Office Technical Guide \(eFOTG\), Section IV, Conservation Practice Standard –Grassed Waterway, 412](#)
- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Guide Sheet – Grassed Waterway, AL412](#)
- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Guide Sheet – Critical Area Planting, AL342](#)
- [National Engineering Manual \(NEM\)](#)
- [NRCS National Environmental Compliance Handbook](#)
- [NRCS Cultural Resources Handbook](#)

### **CONTACT INFORMATION**

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